

[TITLE OF DOCUMENT]                      ABSTRACT

[Abstract]

[Object]            To provide a bone stem cell which may be supplied stably and which is free from the problem of the compatibility in transplantation.

5            [Means for Solution]                      A bone stem cell separated from human amniotic mesenchymal cell layer; cells for forming bone cells, which comprise bone stem cells existing in human amniotic mesenchymal cell layer; and a method for obtaining bone cells comprising culturing (a) bone stem cell(s) existing in human amniotic mesenchymal cell layer in a bone cell-differentiation medium, were provided.

10            [Effects]            By the present invention, a bone stem cell existing in human amniotic mesenchymal layer was first provided. Since the bone stem cell according the present invention is originated from amnion, it can be stably supplied, and there is no problem about the compatibility in transplantation.

[Selected Drawing]                      None